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Amendments to the Claims

Claim 1 (Original): A method for generating source code comprising:
generating a translation file containing translation logic;
inputting the translation file into a code generator;
and
generating translation source code as a function of the translation file.

Claim 2 (Original): The method of Claim 1 further comprising:
generating a plurality of translation files; and
inputting the plurality of translation files into the code generator.

Claim 3 (Original): The method of Claim 1 further comprising:
generating a logical model using a modeling tool;
translating the logical model into a unified model; and
inputting the unified model into the code generator.

Claim 4 (Original): The method of Claim 3 further comprising generating at least one source code object as a function of the unified model.

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Claim 5 (Original): The method of Claim 3 wherein said generating of at least one source code object comprises generating at least one interface definition language element.

Claim 6 (Original): The method of Claim 3 further comprising:
storing the unified model in a schema repository; and
storing the translation file in the schema repository.

Claim 7 (Original): The method of Claim 1 further comprising:
storing the translation file in the schema repository.

Claim 8 (Original): The method of Claim 1 wherein the translation file contains translation logic to translate data from a database into a standard format.

Claim 9 (Original): A method of generating source code objects comprising:
providing a code generator with a unified model represented in a unified modeling language;
providing the code generator with a system definition;
providing the code generator with a translation file in the unified modeling language;
generating source code objects as a function of the unified model and the system definition; and
generating source code objects as a function of the unified model and the translation file.

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Claim 10 (Original): The method of claim 9 wherein the system definition comprises a plurality of templates, each defining at least one service within a framework.

Claim 11 (Original): The method of claim 9 further comprising:

generating a logical model using a modeling tool; and
translating the logical model into the unified model.

Claim 12 (Original): The method of claim 9 wherein the generating of source code objects as a function of the unified model and the translation file comprises generating source code to translate an object element from the unified model into a standard format.

Claim 13 (Original): A system for accessing a database through a translation layer comprising:

a first database;
a translation layer, defined by translation source code;

and

an application for accessing the first database through the translation layer.

Claim 14 (Original): The system of claim 13 further comprising:

a second database;
wherein the application accesses the second database through the translation layer.

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Claim 15 (Original): The system of Claim 14 wherein the data coming from the first database and the second database is received by the application in a standard format.

Claim 16 (Original): The system of Claim 15 further comprising:

a first unified model representing the first database; and
a second unified model representing the second database.

Claim 17 (Original): The system of Claim 13 further comprising a first unified model representing the first database.

Claim 18 (Original): The system of Claim 17 further comprising:

a logical model for modeling the first database; and
a system definition.

Claim 19 (Original): The system of Claim 13 wherein the translation layer translates data coming from the first database into a standard format.

Claim 20 (Original): The system of Claim 19 further comprising: a second database;
wherein the translation layer translates data coming from the second database into the standard format.

Claim 21 (Original): A method for generating source code objects comprising:
generating a logical model using a modeling tool;

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translating the logical model into a corresponding unified model;

generating a system definition comprising a template, the template defining at least one service within a framework; and

generating at least one source code object as a function of the unified model, and the template.

Claim 22 (Original): The method of claim 21 wherein the translating of the logical model comprises generating at least one Unified Modeling Language (UML) element.

Claim 23 (Original): The method of claim 21 wherein the generating of the system definition comprises generating in the template at least one JavaScript element.

Claim 24 (Original): The method of claim 21 wherein said generating of at least one source code object comprises generating at least one interface definition language element.

Claim 25 (Original): The method of claim 21 further comprising:

defining an adaptor, the adaptor defining a translation from the modeling tool.

Claim 26 (Original): The method of claim 21 further comprising:

storing the unified model in a schema repository;

wherein said generating of the source code objects comprises retrieving the unified model.

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Claim 27 (Original): The method of claim 21 further comprising:

retrieving data from a database by employing the source code objects and the unified model to define a relationship between an object oriented database query and the data.

Claim 28 (Original): The method of claim 21 further comprising:

generating a translation file, the translation file containing translation logic; and

generating at least one source code object as a function of the translation file.

Claim 29 (Original): The method of claim 28 further comprising:

storing the translation file in a schema repository.

Claim 30 (Previously presented): A method for generating source code objects comprising:

providing a unified model wherein the unified model is a function of a logical model;

providing a system definition comprising a template which defines at least one service; and

generating a source code object as a function of the unified model and the system definition.

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Claim 31 (Previously presented): The method of Claim 30 wherein said unified model comprises at least one Unified Modeling Language (UML) element.

Claim 32 (Previously presented): The method of Claim 30 wherein said system definition comprises at least one script element.

Claim 33 (Previously presented): The method of Claim 30 wherein said generating of the source code object comprises generating at least one interface definition language element.

Claim 34 (Previously presented): The method of Claim 30 further comprising:
storing the unified model in a schema repository;
wherein said generating of said source code object comprises retrieving said unified model.

Claim 35 (Previously presented): The method of Claim 30 further comprising:
retrieving data from a database by employing said source code object and said unified model to define a relationship between an object oriented database query and the data.

Claim 36 (Previously presented): A system for generating source code objects comprising:
a modeling tool;
a logical model;

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a plurality of templates defining a plurality of services within a framework; and

a code generator generating a source code object as a function of one of the templates, and the logical model.

Claim 37 (Previously presented): The system of Claim 36 wherein the logical model is a relational model.

Claim 38 (Previously presented): The system of Claim 36 wherein one of said plurality of templates comprises at least one JavaScript element.

Claim 39 (Previously presented): The system of Claim 36 wherein said source code object comprises at least one interface definition language element.

Claim 40 (Previously presented): The system of Claim 36 further comprising:

a data server providing query services, wherein the data server receives the source code object and the logical model, and further receives an object oriented query.

Claim 41 (Previously presented): The system of Claim 40 further comprising:

a database, wherein the data server retrieves data from the database as a function of said object oriented query.

Claim 42 (Previously presented): The system of Claim 41 further comprising:

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a client application generating said object oriented query.

Claim 43 (Previously presented): The system of Claim 42 further comprising:

an object request broker for communicating said object oriented query from said client application to said data server.

Claim 44 (Previously presented): The system of Claim 36 wherein said framework comprises Java RMI.

Claim 45 (Previously presented): The system of Claim 36 wherein said framework comprises an Object Management Group (OMG) framework.

Claim 46 (Previously presented): The system of Claim 36 further comprising another template defining a custom service.

Claim 47 (Previously presented): A method for generating source code objects comprising:

providing a unified model wherein the unified model is a function of a logical model; and

generating a first source code object as a function of the unified model.

Claim 48 (Previously presented): The method of claim 47 further comprising:

providing a system definition comprising a plurality of templates, each defining at least one service; and

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generating a second source code element as a function of the system definition.

Claim 49 (Previously presented): The method of claim 48 further comprising generating a third source code element as a function of the system definition and the unified model.

Claim 50 (Previously presented): The method of claim 48 wherein the providing of the system definition comprises one of the templates having a script element.

Claim 51 (Previously presented): The method of claim 50 wherein the script element comprises JavaScript.

Claim 52 (Previously presented): The method of claim 47 wherein the generating of the first source code object comprises generating an interface definition language element.

Claim 53 (Previously presented): A method for generating source code objects comprising:
providing a plurality of logical models;
providing a system definition comprising a template which defines at least one service; and
generating a source code object as a function of at least one of the logical models and the system definition.

Claim 54 (Previously presented): The method of Claim 53 wherein one of the logical models is a relational model.

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Claim 55 (Previously presented): The method of Claim 53 wherein said system definition comprises at least one script element.

Claim 56 (Previously presented): The method of Claim 53 wherein said generating of the source code object comprises generating at least one interface definition language element.

Claim 57 (Previously presented): The method of Claim 53 further comprising:

- providing a unified model; and
- generating a source code object as a function of the unified model.

Claim 58 (Previously presented): The method of Claim 53 further comprising retrieving data from a database by employing said source code object and one of the logical models to define a relationship between an object oriented database query and the data.

Claim 59 (Previously presented): A method for generating source code objects comprising:

- providing a logical model;
- providing a system definition comprising a plurality of templates each defining at least one service; and
- generating a source code object as a function of the logical model and the system definition.

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Claim 60 (Previously presented): The method of Claim 59 wherein the logical model is a relational model.

Claim 61 (Previously presented): The method of Claim 59 wherein the system definition comprises at least one script element.

Claim 62 (Previously presented): The method of Claim 59 wherein the generating of the source code object comprises generating at least one interface definition language element.

Claim 63 (Previously presented): The method of Claim 59 further comprising:
 providing a unified model; and
 generating a source code object as a function of the unified model.

Claim 64 (Previously presented): The method of Claim 59 further comprising retrieving data from a database by employing said source code object and the logical model to define a relationship between an object oriented database query and the data.